Notice of Allowability	Application No.	Applicant(s)	
	09/982,159	KAWAMURA, TATSUROU	
	Examiner	Art Unit	
	Roy M. Punnoose	2877	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *RCE filed on 12/22/2004*.

2. ☒ The allowed claim(s) is/are *1-32*.

3. ☒ The drawings filed on *19 October 2001* are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

 * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 1/18/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Gregory J. Toatley, Jr.
Supervisory Patent Examiner

DETAILED ACTION

Response to Amendment

1. Acknowledgement is made of the amendment filed by the applicant on 12/22/2004 to correct minor errors in the specification and the claims. The Examiner has accepted the corrections.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 01/18/2005 has been considered by the examiner. A signed and initialed copy of the PTO-1449 is included herewith.

Allowable Subject Matter

3. Claims 1-32 are allowed.

4. Claim 1 is allowed because the prior art of record, taken alone or in combination, fails to disclose or render obvious a method of polarimetry comprising the steps of, performing a phase sensitive detection on an output signal by using a modulation signal as a reference signal to obtain a demodulation signal, and, calculating an angle of rotation from three or more polarization signals and three or more demodulation signals, and measuring repeatedly at least one measuring point "Pi" when the calculated angle of rotation is judged not effective, in combination with the rest of the limitations of the respective claims.

5. Claims 2-8 are allowed because their limitations are dependent on limitations of independent claim 1 or an intermediate claim.

6. Claim 9 is allowed because the prior art of record, taken alone or in combination, fails to disclose or render obvious method of polarimetry comprising the steps of, performing a phase sensitive detection on an output signal by using a modulation signal as a reference signal to

obtain a demodulation signal, and, calculating an angle of rotation from three or more polarization signals and three or more demodulation signals, and measuring repeatedly at least one measuring point "Pi" when the calculated angle of rotation is judged not effective, in combination with the rest of the limitations of the respective claims.

7. Claims 10-16 are allowed because their limitations are dependent on limitations of independent claim 9 or an intermediate claim.

8. Claim 17 is allowed because the prior art of record, taken alone or in combination, fails to disclose or render obvious a method of polarimetry comprising the steps of, performing a phase sensitive detection on an output signal by using a modulation signal as a reference signal to obtain a demodulation signal, and, calculating an angle of rotation from two measuring points obtained from two polarization signals and two demodulation signals, in combination with the rest of the limitations of the respective claims.

9. Claims 18-24 are allowed because their limitations are dependent on limitations of independent claim 17 or an intermediate claim.

10. Claim 25 is allowed because the prior art of record, taken alone or in combination, fails to disclose or render obvious method of polarimetry comprising the steps of, performing a phase sensitive detection on an output signal by using a modulation signal as a reference signal to obtain a demodulation signal, and, calculating an angle of rotation from two measuring points obtained from magnetic field strengths and two demodulation signals, in combination with the rest of the limitations of the respective claims.

11. Claims 26-32 are allowed because their limitations are dependent on limitations of independent claim 25 or an intermediate claim.

12. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Roy M. Punnoose** whose telephone number is **571-272-2427.** The examiner can normally be reached on 9:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Gregory J. Toatley, Jr.** can be reached on **571-272-2800 ext.77.** The fax phone number for the organization where this application or proceeding is assigned is **703-872-9306.**

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Roy M. Punnoose
Patent Examiner
Art Unit 2877
April 29, 2005

Gregory J. Toatley, Jr.
Supervisory Patent Examiner
29 April 2005